

EXPERIENCE

- **Mero** Remote (Canada)
Lead Software Engineer *Jan 2025 – Present*
 - An IoT SaaS platform helping commercial cleaning companies monitor operations and improve performance.
 - Leading software development across platform architecture, analytics, infrastructure, operational intelligence, and AI-powered product initiatives.
- **Makenica** Bengaluru, India
Technical Co-Founder *Nov 2017 – Nov 2024*
 - An online manufacturing platform that makes getting your custom mechanical parts manufactured, as easy as clicking a few buttons.
 - Founded the company, and scaled from 1 customer to thousands.
- **Next Home** Bengaluru, India
Technical Co-Founder *Feb 2016 – Nov 2024*
 - Making novel Smart Home devices for modern homes.
 - Founded and built the flagship SmartBoard® device from ground up (hardware, firmware, mobile and cloud apps) with a fabulous team.

EDUCATION

- **NMIMS University** Shirpur Campus
Bachelor of Technology in Information Technology; GPA: 3.51 (Bronze Medal) *July 2012 – May 2016*

PROJECTS

- **CAD Viewer:** View and interact with CAD models privately, right in your browser.
- **dorm:** dorm is a minimal Django wrapper that lets you use its ORM independently, without the full framework.
- **WiFiFlutter:** Flutter plugins that enable Flutter apps to use various WiFi services.
- **http_plus:** Drop-in replacement package to enable HTTP/2 connection in Dart.

SKILLS

- **Languages:** Python, TypeScript, JavaScript, PHP, Dart
- **Backend:** Django, FastAPI, Laravel, DRF
- **Data Systems:** PostgreSQL, TimescaleDB, Redis, Kafka, RabbitMQ, DuckDB
- **Cloud & Infrastructure:** Kubernetes, Docker, Terraform, Helm, AWS, GCP
- **App Development:** React, Next.js, Browser Extensions, Flutter, Android
- **AI Engineering:** AI SDK, Pydantic AI, LangChain, BAML, scikit-learn
- **CAD & Geometry:** OpenCascade, FreeCAD APIs, CadQuery, Three.js